

产品分析证书
Certificate of Analysis

中文名称：对羟基苯丙酸

English Name : Phloretic acid

别名(Alias): Phloretinic acid

产品编码(Cat. No.):BP1677

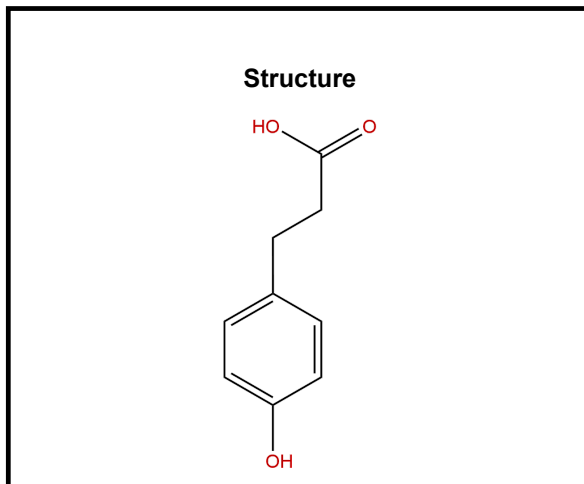
CAS Number: 501-97-3

分子式(M. F.): C₉H₁₀O₃

分子量(M. W.): 166.176

批号(Batch No.): PRF8080943

报告日期(Report date): 2017-08-10



检验结果 (Analytical result) :

检验项目 (Test Item)	检验指标 (Specifications)	检验结果 (Results)
外观Appearance	Brown solid	Brown solid
干燥失重Loss on drying	< 3.0%	1.55%
纯度Purity (HPLC-DAD,278nm)*	≥98.0%	99.23%
质谱Mass	166.1±1	Conforms
核磁NMR	Comply with the structure	Conforms

* 色谱图见附件 (Please find HPLC chromatography attached.)

检测方法 (Test Method) : Column: Thermo BDS Hypersil C18 , 4.6*100mm , 2.4um; Column temperature: 30°C; Detection

Mode:UV278nm;Flow Rate: 1.0ml/min; Sample dissolution: Methanol; Mobile Phase: A, 0.1% phosphoric acid in water B, Methanol;

Isocratic elution: B,10%.

贮存条件 (Storage) :2~8°C, protected from light, keep package airproofed when not in use.

复测期 (Retest date) :two years (2019-08-09) under conditions list above.

QC: Zhang Ling

Date: 2017-08-10

QA: Wu Qi

Date: 2017-08-10

备注(Remarks): The sample solutions should be prepared on the same day, it is the best preparing the solutions immediately before use. If the solutions have to be made up in advance, it should be made as aliquots in tightly sealed vials at less than -20°C. Generally, these might be useable for up to two weeks.

In case of quality issue, please contact us within 15 days after receipt of the product.

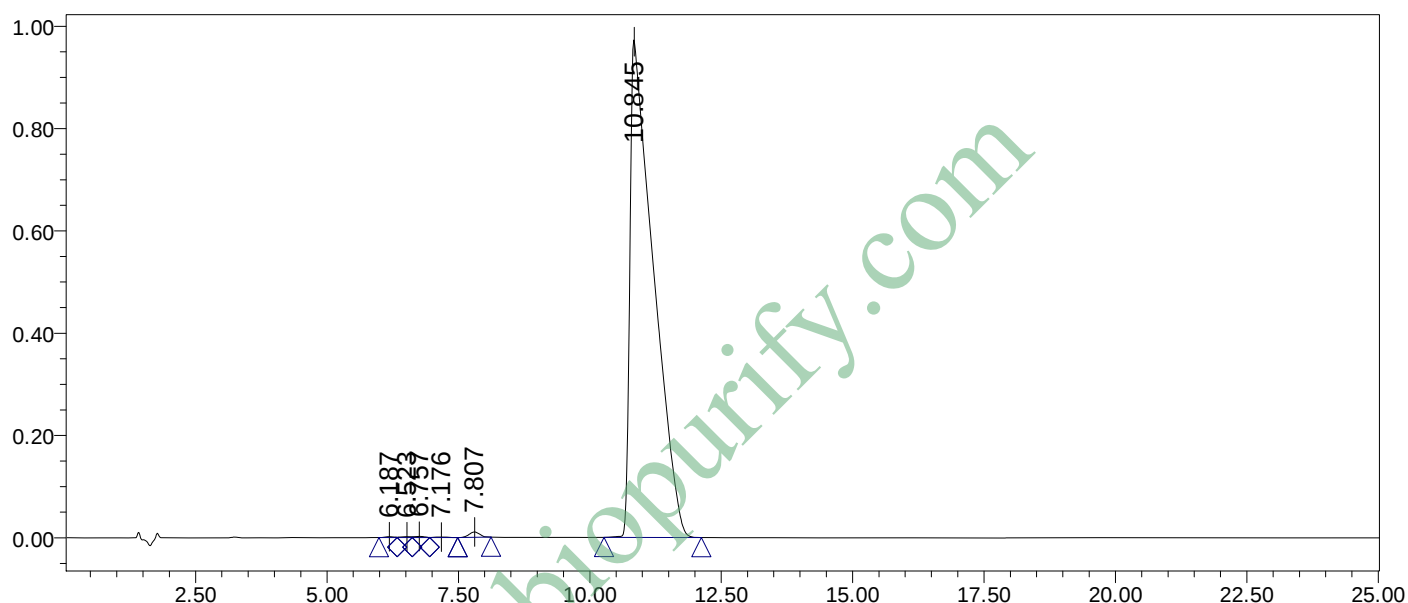
Tel: +86-28-82633397 Fax: +86-28-82633165

http://www.phytopurify.com Email: sales@biopurify.com biopurify@gmail.com

SAMPLE INFORMATION

Sample Name:	Phloretic acid PRF8080943	Acquired By:	System
Sample Type:	Standard	Sample Set Name:	
Vial:	59	Acq. Method Set:	Phloretic acid
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	278.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 278.0 nm
Date Acquired: 2017-8-10 9:55:42 CST			
Date Processed: 2017-8-10 10:32:01 CST			

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	6.187	17167	0.06	4762.16	
2	6.523	21196	0.07		
3	6.757	32093	0.11		
4	7.176	18027	0.06	2729.94	
5	7.807	145780	0.48	7092.93	
6	10.845	29997677	99.23	2124.72	4.56